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United States Application Serial No. 09/846,058

### AMENDMENTS TO THE CLAIMS

Please amend claims 37 and 38, as shown below and cancel claims 1-9, 30, 32-34, 36 and 46. A complete listing of the claims, including their current status, is provided below.

1-27. (Cancelled)

28. (Previously presented) A method of fabricating an array of multiple features of different chemical moieties on a surface of a substrate, comprising:

(a) comparing height uniformity of a first direction and a second direction across a substrate to identify a first direction having higher height uniformity than a second direction, wherein said first and second directions are planar to said substrate; and

(b) employing a pulse jet printer to deposit different chemical moieties in rows on the substrate, wherein said rows each contain a plurality of different chemical moieties and wherein said rows are more closely aligned with the first direction than the second direction,

in order to fabricate an array of multiple features of different chemical moieties on a substrate surface.

29. (Previously presented) A method of fabricating an array of multiple features of different chemical moieties on a substrate surface, comprising:

(a) receiving the substrate from a remote location;

(b) receiving from a remote location an identification that indicates the direction in which the substrate was drawn; and

(c) placing the different chemical moieties on the substrate so as to provide features thereon along rows aligned with said direction,

in order to fabricate an array of multiple features of different chemical moieties on a substrate surface.

30. (Cancelled)